

PROCESSES WITH HAZARDOUS AIR POLLUTANTS

A review of source information shows that your company has processes that may emit hazardous air pollutants (HAPs).

HAP emission factors for some processes/equipment are provided in the Environmental Protection Agency's (EPA), "Compilation of Air Emission Factors" (AP42) at: <http://www.epa.gov/ttn/chief/ap42/index.html>.

Following are the chapters and sections of AP42 where the emission factors are found:

Chapter 1 - External Combustion Sources (boilers, steam generators, furnaces, heaters, etc.) using the following fuels:

Bituminous Coal	Section 1
Fuel Oil (distillate oil and residual oils)	Section 3
Natural Gas	Section 4
Wood	Section 6
Waste Oil	Section 11

Chapter 2 - Solid Waste Disposal:

Municipal Solid Waste Combustion	Section 1
Sewage Sludge Incineration	Section 2
Medical Waste Incineration	Section 3
Municipal Solid Waste Landfills	Section 4

Chapter 3 - Stationary Internal Combustion Sources (engines):

Stationary Gas Turbines (compressors, combustor, and power turbines using natural gas or fuel oil)	Section 1
Natural Gas-fired Reciprocating Engines (provide power to compressors, pumps, etc.)	Section 2
Diesel Industrial Engines	Section 3
Large Stationary Diesel and All Stationary Dual-fuel Engines	Section 4

Chapter 4 - Evaporation Loss Sources:*

Tank and Drum Cleaning	Section 8
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*Note: Waste Water Collection, Treatment, and Storage HAPs are calculated by software located at: <http://www.epa.gov/ttn/chief/software/water/index.html>.

Chapter 5 - Organic Chemical Processing:

Carbon Black	Section 1
Explosives	Section 3
Pharmaceuticals Production	Section 13

Chapter 11 - Mineral Products Industry:	
Hot Mix Asphalt Plants	Section 1
Brick and Structural Clay Product Manufacturing	Section 3
Refractory Manufacturing	Section 5
Portland Cement Manufacturing	Section 6
Concrete Batching	Section 12
 Chapter 12 - Metallurgical Industry:	
Electric Arc Welding	Section 19
Electroplating	Section 20
 Chapter 13 – Miscellaneous Sources:	
Explosive Detonation	Section 3